



ENERGY ASSURANCE DAILY

Thursday Evening, April 17, 2008

Electricity

Avalanche Knocks Down Alaska Electric Light & Power (AEL&P) Lines near Juneau, Alaska April 16

A 1.5 mile-wide avalanche knocked down transmission lines from the Snettisham Hydro Power House which supplies about 85 to 90 percent of the power to Juneau, causing power outages to locals. One transmission tower was down and four others were damaged. AEL&P will use diesel-fired generators to supply power to customers until the transmission lines to the hydro unit are restored. As a result, residential rates may rise from 11 cents/kilowatt hour to 50 cents/ kilowatt hour or higher.

http://www.juneauempire.com/stories/041708/loc_269314122.shtml

Accident at Substation Knocks Out Power to 35,000 Tucson Electric Power Customers in Arizona April 16

A contractor accidentally cut a cable during an excavation, causing customers to lose power for about two hours.

<http://www.azstarnet.com/sn/fromcomments/234774.php>

FirstEnergy's 1,235 MW Perry Nuke Unit 1 in Ohio Reduced to 82 Percent by April 17

The Nuclear Regulatory Commission reported that on the morning of April 16 the unit was operating at 93 percent. Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

Dominion's 810 MW Surry Nuke Unit 1 in Virginia Shut by April 17

The Nuclear Regulatory Commission reported that on the morning of April 16 the unit was operating at full power. Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

OPG's 494 MW Lambton 2 Coal-fired Unit in Ontario Shut April 16

Reuters, 19:07 April 16, 2008

TransAlta's 280 MW Sundance 1 Coal-fired Unit in Alberta Shut April 17

Reuters, 9:22 April 17, 2008

Update: Exelon's 1,163 MW Byron Nuke Unit 1 in Illinois Ramped Up to 83 Percent by April 17

The Nuclear Regulatory Commission reported that on the morning of April 16 the unit was operating at 73 percent. Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

Update: OPPD's 478 MW Fort Calhoun Nuke Unit in Nebraska Ramped Up to 98 Percent by April 17

The Nuclear Regulatory Commission reported that on the morning of April 16 the unit was operating at 50 percent because of a seal leak related to a feed pump.

Bloomberg News, 12:08 April 16, 2008

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

Update: AES's 336 MW Alamos Gas-fired Unit 4 in California Returns to Service April 16

According to the California Independent System Operator, the unit experienced an unplanned outage on April 16.
<http://www.caiso.com/unitstatus/data/unitstatus200804161515.html>

Update: AES's 226 MW Huntington Beach Gas-fired Unit 1 in California Returns to Service April 16

According to the California Independent System Operator, the unit experienced an unplanned outage on April 16.
<http://www.caiso.com/unitstatus/data/unitstatus200804161515.html>

Update: TransCanada Completes Comprehensive Cost Review of Bruce Nuke Restart Project in Ontario

TransCanada has completed the cost review for Bruce Nuke Units 1 and 2 Restart Project, which will refurbish units 1 and 2. Units 1 and 2 are expected to restart in late 2009 and early 2010, adding a total of 1,500 MW.
<http://biz.yahoo.com/iw/080417/0387782.html>

Petroleum

FCCU at ConocoPhillips's 238,000 b/d Bayway Refinery in New Jersey Shut April 16

According to a company spokesman, the fluid catalytic cracker was shut for unplanned work.
Reuters, 12:01 April 17, 2008

Repairs to Coking Unit at Shell's 332,000 b/d Deer Park, Texas Refinery to take 5 to 7 Days

The 88,000 b/d coking unit was reduced April 14 for unplanned work.
Reuters, 11:08 April 17, 2008

Vicksburg Petroleum Receives Permit from Mississippi to Restart Barrett Refinery

Vicksburg plans to reactivate a closed refinery to process 10,000 b/d. Construction is anticipated to begin in March 2009.
<http://www.hattiesburgamerican.com/apps/pbcs.dll/article?AID=/20080417/NEWS01/80417001>

Natural Gas

Nicor Proposes 5.5 Bcf Underground Gas Storage Facility in California

The field is expected to be partially serviceable in 2010.
http://www.nicor.com/en_us/news_and_media/latest_releases/release_04_15_08.htm

Engine Fails at Lehman Compressor Station in Morton, Texas April 16

According to a filing with state regulators, low oil pressure caused the engine to go down yesterday afternoon. The engine was restarted yesterday evening.
<http://www2.tceq.state.tx.us/ee/main/index.cfm?fuseaction=getDetails&target=106412>

Researchers Efficiently Produced Natural Gas from Gas Hydrates

Researches were able to produce a constant stream of natural gas from gas hydrates, which have 164 times the amount of stored energy as natural gas.
http://canadianpress.google.com/article/ALeqM5hxb_irh6IUuxH0-MOPefCmwGLTGA

Other News

Nothing to Report.

Energy Prices

U.S. Oil and Gas Prices April 17, 2008			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	114.66	110.16	63.39
NATURAL GAS Henry Hub \$/Million Btu	10.11	9.88	7.50

Source: Reuters

Energy Notes

Puget Sound Energy Proposes to Expand 229 MW Wild Horse Wind Facility in Washington by 40-50 MW

<http://biz.yahoo.com/bw/080417/20080417005263.html?v=1>

Maryland Bans Commercial Wind Turbines in State Forests

http://pro.energycentral.com:80/professional/news/power/news_article.cfm?id=10122955

Ships Allowed One at a Time through Intracoastal Waterway in Texas after Barge Collision Causes Chemical Spill April 16

Reuters, 13:57 April 16, 2008

Copper Wire Theft Knocks Out Power to 5,300 Withlacoochee River Electric Customers in Florida April 15

<http://www2.tbo.com/content/2008/apr/17/pa-substation-intruder-shocked-power-cut/>

Update: Five Out of 164 Warning Sirens Failed During Emergency Drill at 2,300 MW Indian Point Nuke Plant in New York April 15

<http://www.recordonline.com/apps/pbcs.dll/article?AID=/20080416/NEWS/804160348/-1/NEWS>

Iran Rejects Pressure from Oil Importing Nations to Lower Crude Prices

http://www.rigzone.com/news/article.asp?a_id=60331

Iraq Sustained Uninterrupted Flow of 430,000 b/d of Kirkuk Crude to Turkey for a Month

Reuters, 08:20 April 17, 2008

China and India to Build 450,000 b/d of Refining Capacity in Nigeria for Exporting Products

http://www.downstreamtoday.com/News/Articles/200804/China_India_To_Build_Export_oriented_Re_10148.aspx

OPEC Exports to Rise 200,000 b/d in Four Weeks, Excluding Angola and Ecuador

Reuters, 11:30 April 17, 2008

Angola to Rise Exports 30,000 b/d to 1.88 MMb/d in June – Traders

Reuters, 06:38 April 17, 2008

Links

This Week in Petroleum from the Energy Information Administration (EIA)

<http://tonto.eia.doe.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

Weekly Petroleum Status Report from EIA

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html

Updated after 10:30 AM & 1:00 PM EST every Wednesday.

Natural Gas Weekly Update from EIA

<http://tonto.eia.doe.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM EST every Thursday.

ENERGY ASSURANCE DAILY

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<http://www.oe.netl.doe.gov/index.aspx>.

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